| Inde | ex of Claims |
|------|--------------|
| | |

| Application No. | Applicant(s) |
|-----------------|---------------|
| 10/750,181 | KRAPPE ET AL. |
| Examiner | Art Unit |
| Cathy Lam | 1775 |

| Rejected | _ | (Through nu Cancelle |
|-------------|---|-------------------------|
| Allowed | ÷ | Restrict |

| (Through numeral) Cancelled | ľ | V | Non-Elected |
|--------------------------------|---|---|--------------|
| Restricted | | , | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Cla | aim | Date | | | | | | | Claim Date | | | | | | | Claim Date | | | | | | | | | | | | | | | |
|--------------|----------|----------|--------------|-----------|----------|----------------|---------------------|--------------|--------------|------------|--------------------|----------|----------|----------|----------|----------------|----------|----------|---------------------|---------------|-------------|-----------------|------------|---------------|--------------|----------|---------------|--|----------|---|----------|
| - | <u>a</u> | 4 | | | | | | | | | | _ | <u>a</u> | | ΙŢ | | | \prod | T | Г | | | | | \top | Ī | T | Ť | Τ | | |
| Final | Original | 12/4/04 | | | | | | | | | | Final | Original | | | | | | | | | Final | Original | | | | | | | | |
| ш. | ဝ | 12 | | | | - | | | | | | Į Œ | ő | | | | | | | 1 | | ίΞ | , j | li | | | | | 1 | | |
| | 1 | 1 | ╁ | - | ╁ | ╁ | | + | +- | +- | - | | L | \vdash | - | \dashv | + | - | 4- | ↓_ | | | | | _ _ | \perp | \perp | 1_ | 1_ | $oxed{oxed}$ | |
| | 2 | 1 | - | \vdash | ╁╌ | ╁ | +- | + | +- | +- | - | F- | 51 52 | \vdash | - | + | - | \vdash | - | ╄- | | | 101 | \dashv | 4- | \perp | 4_ | 4- | ļ., | Ш | |
| - | 3 | 1 | | 1 | ╁ | ╅ | + | + | +- | + | 1 | - | 53 | \vdash | + | | - | \vdash | + | ╁ | | | 102 | - | + | + | - | ╄ | ╄- | Ш | |
| | 4 | V | | | + | + | ╁ | +- | + | + | | | 54 | \vdash | + | + | +- | \vdash | - | ╆ | | | 103 104 | + | + | + | +- | + | +- | \vdash | |
| | 5 | 1 | | - | T | T | | \top | T | \vdash | 1 | | 55 | \vdash | \dashv | + | +- | | + | \vdash | | | 105 | | + | + | - - | +- | +- | $\vdash \dashv$ | |
| | 6 | N | | | | 1 | T | T | | \top | | | 56 | П | \top | | 1- | | | + | | | 106 | \dashv | + | +- | ╁ | + | +- | \vdash | |
| ļ | 7 | N | L | | | | | | | | | | 57 | | | | | | _ | 1 | | | 107 | 十 | | ╁ | +- | + | +- | \vdash | _ |
| L | 8 | N | _ | _ | 1 | ┸ | \perp | 1_ | \perp | ļ., | | | 58 | | | | | | | | | | 108 | \top | _ | 十 | + | \top | 1 | | _ |
| | 9 | N | <u> </u> | L. | _ | 4_ | | <u> </u> | ╽. | L | | | 59 | | | | | | | | | | 109 | ┪ | 1 | - | + | \top | 1 | \vdash | - |
| ļ i | 10 | 1 | ļ | _ | ╄ | - - | _ | | ╀- | lacksquare | | | 60 | | _ | | | | | | | | 110 | | | \top | Т | 1 | \top | | |
| | 11 | 1 | <u> </u> | <u> </u> | ┡ | ╁ | - | + | ــــ | \vdash | 4 | | 61 | Ш | _ _ | | \perp | | | | | | 111 | | | \top | 1 | T | T | | \neg |
| | 12 13 | V | | - | | + | +- | + | ┼ | | | | 62 | | _ . | - | \perp | | - - | Ш | | | 112 | $-\mathbb{I}$ | | | | | | | |
| - | 14 | | | | ⊢ | ╁ | + | + | ┼- | ⊢ | | | 63 | | | _ | \perp | | | Ш | | | 113 | _ | | | | | | | |
| | 15 | - | | | ┝ | + | | + | +- | - | | | 64 65 | -+ | | - | + | \perp | ╄ | L-1 | | | 114 | 4 | | 4 | _ | | | | |
| | 16 | _ | | _ | ┢ | ╁ | + | + | ╁ | ├- | | | 66 | - | | | + | | - | Ы | | | 115 | - | | | _ | 1_ | | | |
| | 17 | - | | | ┢ | + | +- | ╁╌ | - | ┢ | | | 67 | \dashv | - | + | ┦─┤ | | | | :::: - | | 116 | - | - - | 1 | 4_ | <u> </u> | L. | Ш | |
| | 18 | | | _ | \vdash | ╁ | + | +- | - | \vdash | 1 | | 68 | -+ | + | | - | \dashv | | \vdash | - | | 117 | - | | 4 | ↓_ | <u> </u> | | \sqcup | _ |
| | 19 | | _ | | | 1 | +- | +- | | \vdash | | | 69 | -+ | + | | \vdash | + | + | Н | - | | 118 | | + | + | ┺ | - | | _ | _ |
| | 20 | | | _ | İΤ | † | +- | 1 | т | \vdash | | | 70 | \dashv | | | +- | - | + | H | - | | 119 120 | - | - - | +- | ┼ | ├ | | 4 | |
| | 21 | | T | | - | 1 | T | T | I^- | T | | | 71 | -+ | \dashv | +- | | + | + | Н | - | - | 121 | | + | | | ├ | \vdash | -+ | \dashv |
| | 22 | | \neg | _ | | T | T | 1 | | | | | 72 | 十 | + | + | ++ | \dashv | + | \vdash | - | | 122 | + | | ╀ | - | - | Н | \dashv | |
| | 23 | | | | | | Т | | | | | | 73 | 7 | + | + | | _ | + | \dashv | ŀ | | 123 | + | +- | + | +- | ┢ | \vdash | \dashv | \dashv |
| | 24 | | | | | | | | | | | | 74 | \dashv | \top | \top | \vdash | \neg | 1 | \vdash | - - | | 124 | + | + | ╁ | ╁ | - | \vdash | \dashv | -{ |
| | 25 | | \Box | | _ | | | | | | | | 75 | | | \top | H | | T | | - | | 125 | | + | ╁ | + | - | | + | \dashv |
| | 26 | | | | _ | ļ | \perp | L. | | | - 0 | | 76 | | | - | | | \top | | | | 126 | _ | 1- | 1- | † | | | + | ٦í |
| | 27 | _ | 4 | | _ | L | <u> </u> | _ | | _ | | | 77 | | | | | | | | | | 127 | _ | 1 | 1 | 1 | | \vdash | 十 | \dashv |
| | 28 | \dashv | \dashv | | | Ļ | <u> </u> | <u> </u> | Ш | | | | 78 | | | | | | | | ľ | | 128 | 1 | 1- | 1 | 1- | \vdash | | \dashv | ᅱ |
| | 29 | \dashv | \dashv | _ | | _ | \vdash | <u> </u> | | | - | | 79 | _ | \perp | | | | | | | | 129 | _ _ | | 1 | | Ι. | | 十 | ┪ |
| | 30 31 | - | | - | _ | - | - | | Н | | | | 80 | \perp | | | <u> </u> | _ _ | | | ii.L | | 130 | | | | | | | | П |
| | 32 | | - | - | _ | — | - | - | | | | | 81 | + | - - | ┺ | | | 1 | : | | | 131 | | | | | | | | |
| | 33 | -+ | \dashv | \dashv | | - | +- | H | | | | | 82 | | - | - | - | _ | \perp | _ | L | | 132 | \bot | <u> </u> | L | | | | |] |
| | 34 | \dashv | + | - | _ | _ | H | - | H | | | | 83 | +- | +- | + | | - | \vdash | _ | L | | 133 | 4 | 4_ | L | | | | \perp | ╝ |
| | 35 | \dashv | \dashv | 7 | - | <u> </u> | - | | \vdash | - | - | | 85 | - | +- | + | \vdash | - - | + | - | - | | 134 | 4 | - | ļ | | | \perp | _ | _ |
| | 36 | \neg | \dashv | 7 | | _ | | | \vdash | \dashv | - | | 86 | + | + | - | - | + | \vdash | \dashv | - | | 135 | - | +- | - | <u> </u> | | | \downarrow | 4 |
| | 37 | | \exists | \exists | | | | П | | \dashv | - I | | 87 | + | + | ╁ | - | | \vdash | - | - | | 136 | | +- | ├— | | | \dashv | \dashv | \dashv |
| | 38 | Ţ | | | | | П | | | | :::: - | | 88 | \dashv | + | + | + | + | +-+ | | - | \dashv | 137 138 | + | +- | ├ | | \vdash | - | + | \dashv |
| | 39 | | I | | | | | | | | | | 89 | \top | + | + | \top | + | + | - | - | | 139 | +- | + | - | $\mid - \mid$ | \dashv | \dashv | + | - |
| | 40 | | \perp | \Box | | | | | | | | | 90 | - | \top | | | \top | 1 | \dashv | - | \dashv | 140 | + | + | \vdash | \vdash | | \dashv | + | \dashv |
| | 41 | _ | _[| \prod | | | | | | | Γ | | 91 | | | | _ | + | | \neg | 1 | | 141 | + | + | \vdash | | \dashv | \dashv | + | \dashv |
| | 42 | \perp | - | 4 | _ | _ | Щ | | | | [| | 92 | | | | \Box | | | | | $\neg \uparrow$ | 142 | \top | + | | | \dashv | \dashv | + | \dashv |
| | 43 | - | _ | 4 | _ | \perp | | | _ | _ | | | 93 | \bot | | | \Box | | | | | | 143 | † - | | | | 7 | \dashv | + | \dashv |
| | 44 | + | - | 4 | 4 | _ | \sqcup | _ | _ | _ | L | | 94 | \perp | \perp | $oxed{\Box}$ | | | | | | | 144 | \top | | | | 1 | \top | \dashv | 7 |
| -+ | 45 46 | | + | + | - | _ | $\vdash \downarrow$ | - | _ | _ | - | | 95 | _ _ | \perp | \perp | | \perp | | | | | 145 | | | | | 7 | _ | - | 7 |
| | 46 | + | + | + | + | - | H | | + | 4 | - | | 96 | | - - | \sqcup | | 4 | Ш | _ : | | | 146 | | | | | | | | 7 |
| | 47 | + | + | + | | \dashv | - | \dashv | - | | - | | 97 | 4 | 4_ | - | _ _ | _ | \sqcup | _ | - | | 147 | | $oxed{\Box}$ | | \Box | | | | |
| -1 | 49 | + | + | + | \dashv | | | } | \dashv | | ii- | | 98 | + | 1 | \vdash | | | \vdash | - : | L | | 148 | 4 | \sqcup | | I | \Box | \Box | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | |
| | 50 | + | + | \dashv | \dashv | - | | \dashv | -+ | \dashv | H | | 99 00 | - - | + | - | | + | $\vdash \downarrow$ | _ | - | \rightarrow | 149 | ↓ | \sqcup | | \perp | \perp | | \int | |
| | | | ۰ | | Щ. | | | | |]: | :::: L | | UU | | 1 | 1 | | 1 . | 1 1 | | | - 1 | 150 | 1 | 1 | i | - 1 | | | | 1 |